

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-013956

(43)Date of publication of application : **21.01.1994**

H04B 7/26  
H04B 17/00

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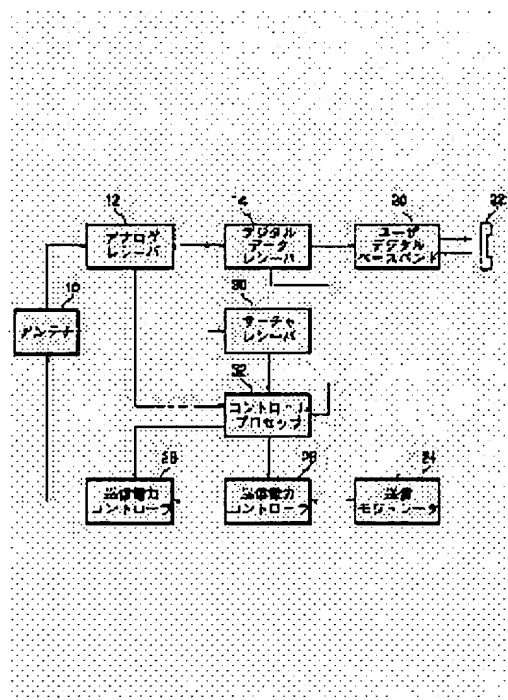
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**(54) TRANSMISSION POWER CONTROLLER IN MOBILE COMMUNICATION AND ITS SYSTEM**

(57)Abstract:

**PURPOSE:** To increase the capacity of the system by implementing accurate transmission power control at a mobile set side.

CONSTITUTION: A control processor 32 detects received power and the reception power is calculated from a strength of a pilot signal fed from a searcher receiver 30 in this case. Thus, the signal strength of a transmission signal from a base station from which a mobile set is communicated is accurately detected. Furthermore, a fading speed is estimated from a change in the received power thereby controlling an averaging time in a transmission power controller 28. Thus, the system copes even with a change in the fading speed and the optimum averaging time is always obtained. Then an electric field median strength is always detected and accurate transmission power control is attained.



## LEGAL STATUS

16.05.1996

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number] 2991862

[Date of registration] 15.10.1999

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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